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SUPPLEMENT TO
THE
MYSORE GAZETTE.

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Published by Authority.

BANGALORE, SATURDAY 17TH AUGUST 1867.

MISCELLANEOUS PAPERS.

*Abstract of Meteorological Observations; and
Memorandum of Rain-fall for the past 30
years.*

General No. 2596.

General „ 364.

MEMORANDUM.

The subjoined correspondence together with the abstract of meteorological observations and memorandum of rain-fall therein referred to are published for general information:

“By Order”

MYSORE COMR.'S OFFICE,
BANGALORE, 8th August 1867.
To—The Compiler, Mysore Gazette.

H. HUDSON,
For Offg. Secretary.

To—The Offg. Secretary to the Commissioner
of Mysore, Bangalore,
Dated 1st August 1867.

SIR,

I have the honor to annex a short memo shewing the average daily, monthly, and annual temperature at Bangalore for the past 5 years, as well as the average Rain-fall for the past 30 years in the principal stations in this province.

2. The 1st* has been compiled from my own observations, and from those made at the Observatory in the form I advocated.

3. When I was in charge of the Toomkoor District, I established a similar Observatory in the cutcherry compound, and forwarded a monthly record of the observations to Head Quarters; but I observe from the *Mysore Gazette* that the time of noting the temperature, has been changed, and consequently the object for which it was instituted, viz., that of comparative analysis, is destroyed.

4. If it is desirable that the above object should be maintained, it is absolutely necessary that all observations should be made at the same time, and under like conditions, and I trust, the Commissioner will accept this as my apology for addressing him on a subject not immediately connected with my duty. Should he be pleased to take the matter into consideration, I would respectfully advocate that the observations might be taken at all the sudder stations, exactly in the same manner and under the same conditions as they are now taken at Bangalore.

5. The annual deductions from these simultaneous notings, would be very valuable, and as such observations have now much importance attached to them in all sanitary enquiries, I again trust I may not be considered presumptuous in bringing the subject to notice.

I have, &c.,
(Signed) J. PUCKLE,
Dy. Supt. Mysore Commission.

* Vide page 4.

Memorandum of 30 years' Rainfall at the principal

January.				February.			March.			April.				May.			June.			July.		
Mysoore.	Toomkoor.	Shemogah.	Bangalore.	Mysoore.	Toomkoor.	Shemogah.	Bangalore.	Mysoore.	Toomkoor.	Shemogah.	Bangalore.	Mysoore.	Toomkoor.	Shemogah.	Bangalore.	Mysoore.	Toomkoor.	Shemogah.	Bangalore.	Mysoore.	Toomkoor.	
0 0	0 0	0 0	0 0	0 0	0 0	0 0	2 5	6 5	0 0	0 0	1 3	8 3	0 0	3 3	5 3	3 7	4 1	3 2	1 1	2 6	6 6	
0 0	0 0	0 0	0 0	0 0	0 0	0 0	5 1	2 6	0 0	0 0	5 5	3 3	4 4	2 3	2 7	0 0	9 9	1 8	9 9	6 6	1 4	
6 0	0 0	0 0	0 0	0 0	0 0	0 0	1 1	0 0	3 3	0 0	8 8	0 0	3 2	3 2	7 0	0 3	8 8	3 4	7 7	0 4	1 8	
0 0	0 0	0 0	0 0	0 0	0 0	0 0	2 2	0 0	0 0	0 0	8 0	2 5	1 1	7 6	3 6	1 9	2 2	4 4	2 1	2 2	5 5	
0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	6 6	0 0	1 9	1 1	1 2	0 3	4 6	2 7	3 3	4 9	2 3	3 5	2 5	
0 0	0 0	0 0	0 0	1 2	0 0	0 0	0 0	0 0	5 5	0 0	6 6	4 4	8 8	5 5	2 2	2 9	3 6	2 3	3 3	4 1	4 7	
1 7	0 0	0 0	0 0	0 0	0 0	0 0	1 6	0 0	0 0	0 0	0 0	0 9	3 2	8 8	2 4	8 3	0 0	3 4	3 9	2 8	0 0	
1 1	1 1	0 0	2 2	2 2	0 0	0 0	0 0	2 6	2 6	3 3	2 6	7 2	1 1	3 5	1 9	10 7	4 4	2 2	7 3	1 4	5 4	
2 9	1 1	4 2	0 0	1 1	0 0	0 0	4 4	3 1	0 0	5 5	2 8	1 4	2 2	1 1	8 4	4 4	8 3	1 7	1 9	2 4	5 4	
0 0	0 0	0 0	6 6	3 3	3 3	3 3	0 0	2 2	0 0	0 3	8 8	1 6	2 1	3 3	3 8	5 9	5 9	7 1	1 2	8 8	1 6	
0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	2 7	4 7	1 9	3 4	7 9	4 5	7 5	5 8	1 7	5 8	5 2	
5 5	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 7	1 1	5 6	6 4	4 6	2 3	2 8	3 9	4 5	2 6	1 2	2 2	
0 0	1 1	0 0	1 9	9 9	2 5	7 7	0 0	0 0	0 0	0 0	4 1	4 6	2 6	3 8	5 5	1 2	1 7	6 2	1 1	1 2	2 9	
0 0	0 0	0 0	0 0	0 0	0 0	0 0	1 3	4 4	5 5	0 0	1 8	3 3	5 5	2 3	6 5	4 1	5 1	7 6	1 5	2 2	5 6	
9 9	5 5	2 6	0 0	0 0	0 0	0 0	6 4	4 8	2 5	1 1	1 3	3 2	1 8	1 9	5 7	10 5	5 3	1 4	1 5	6 6	7 7	
8 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	1 1	0 0	0 0	8 8	1 3	3 6	5 5	3 5	4 6	8 8	4 7	1 9	0 0	1 2	
1 0	0 0	0 0	1 6	2 5	1 5	1 1	5 5	1 1	2 2	5 5	1 5	3 7	7 7	4 4	2 4	5 3	2 9	3 3	3 5	1 5	2 5	
0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 6	7 7	3 8	3 4	1 4	2 5	11 3	4 5	9 8	7 7	6 6	1 4	2 8	
0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	5 5	5 5	2 2	3 9	8 8	3 3	6 7	6 3	5 8	5 5	4 2	1 5	2 8	
0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	4 4	1 3	5 6	1 6	3 5	3 1	3 2	2 3	2 2	1 6	5 5	1 2	
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stations of the Province.—Detail of column 14.

August.				September.				October.				November.				December.				Total inches of rain and num days rain fell.						
Bangalore.	Mysore.	Toomkoor.	Shemogah.	Bangalore.	Mysore.	Toomkoor.	Shemogah.	Bangalore.	Mysore.	Toomkoor.	Shemogah.	Bangalore.	Mysore.	Toomkoor.	Shemogah.	Bangalore.	Mysore.	Toomkoor.	Shemogah.	Bangalore.		Mysore.		Toomkoor.		S
																				Inches.	Days.	Inches.	Days.	Inches.	Days.	
6.5	3	3.2	3.8	1.6	3.6	1.8	6.1	10.1	1.2	4.2	.5	9.8	6.6	9.4	8.5	1.3	0	0	1.5	44.3	98	22.7	55	26.0	45	
4.5	.9	2.2	2.9	3.4	9.3	4.3	2.5	1.1	3.3	2.4	1.3	1.1	1.8	.2	.8	0	2	0	0	16.0	63	20.2	51	13.8	27	
7.2	1.6	5.9	4.2	4.1	3.2	8.3	3.6	3.9	5.7	3.8	5.7	0	.6	.4	1.9	.2	0	.2	0	32.4	93	11.7	76	31.2	61	
5.4	.4	1.6	.6	5.4	.3	7.9	.5	4.5	5.2	5.6	3.6	.3	2.6	.6	1.	0	0	0	0	30.2	73	15.8	42	22.7	37	
10.4	3.5	4.4	3.4	8.9	11.9	7.1	.7	8.	7.6	8.6	10.1	1.3	2.1	.4	.6	0	0	0	0	38.0	87	33.1	42	29.2	56	
2.6	3.5	3.1	3.8	10.5	3.5	8.7	8.1	5.4	7.5	3.5	.5	.4	0	0	0	0	0	0	0	31.2	67	23.8	46	27.5	46	
1.3	2	2.2	.5	6.8	3.4	6.5	4.5	7.1	8.9	18.1	5.5	0	0	0	0	5.5	1.1	1.7	0	37.2	73	22.6	52	42.0	52	
1.4	1.4	1.5	4.1	4.3	4.3	3.2	5.9	1.9	2	5.4	5.4	.4	.4	0	0	5.8	5.8	2.5	2	34.4	73	34.6	53	24.7	50	
1.8	.7	.6	2.5	9.5	4.5	13.2	6.7	2.8	4.7	.9	.3	.3	.4	.3	2	.5	0	0	.9	32.7	64	34.1	58	26.5	35	
3.1	2.1	1.5	4.6	7	1.1	6.7	1.5	10.8	11.1	23.7	8.5	2.9	1.5	1.4	1.5	.8	.5	.9	.2	40.0	93	27.2	56	56.9	46	
4.5	.5	1.5	.9	3.5	.6	1.8	.8	9.3	10.5	9.5	8.3	1.6	1.5	1.3	3.5	.8	1.4	0	0	37.5	94	25.4	60	31.5	42	
7.3	2.5	.6	8.1	11.5	8.3	2.2	1.7	2.1	3.2	1.4	2.4	1.4	2.2	1.5	.8	.5	0	0	0	40.3	90	26.9	55	17.2	29	
6.6	4.4	6.8	6.2	2.6	1.4	3	3.6	2.5	6.2	7.4	7.3	1.7	2.6	.3	4.5	.1	0	0	0	27.8	75	25.4	61	31.6	52	
14.2	8.3	11.2	4.9	9.8	6.4	4.8	3.1	7.1	5.8	10.3	6.5	2.9	2.2	.5	.4	.3	0	.2	0	49.4	69	36.7	65	36.3	70	
5.1	.6	2.3	2.4	7.9	6.7	7.6	.3	5.2	1.8	4.6	2.3	3.7	2.8	1.1	.6	0	.9	0	.2	35.3	63	22.6	38	31.3	46	
6.7	2.4	8.2	6.3	15.5	4.5	14.4	3.1	9.2	9.5	5.6	6.9	.9	9.5	1.6	2	1.5	1.6	2.7	2.7	55.1	67	52.8	56	57.4	49	
12.9	4.6	4.3	2.1	2.7	4.8	1.2	1.7	1.9	7.1	1.2	2.4	.7	.3	1.2	.4	0	0	0	0	34.7	76	37.8	49	21.1	32	
8.3	2.9	9.8	2.3	3.9	1	.7	2.7	7.9	9.6	13.8	8.2	1.4	0	.1	.5	.2	0	0	0	29.9	72	20.5	35	30.0	34	
5.3	2.4	3.7	.9	2.6	4.8	7.5	3.4	5.8	11.3	4.5	2.9	0	0	0	0	2.4	0	0	0	27.1	66	34.8	42	22.5	36	
12.9	8.5	12.7	4	5.8	3.4	3.4	.5	5.7	3.9	8.2	3	1.2	0	0	0	1.8	0	.4	0	48.5	79	26.8	46	39.6	45	
4.5	1.6	.3	4.6	5.4	2.4	.8	.3	5.1	11.5	2.6	3.4	2.3	.4	.8	.4	.1	0	0	0	30.4	65	30.3	48	22.1	39	
1.4	0	.9	.7	8	3.9	8.1	1.9	19.5	12.8	26.2	15.5	0	3.6	.7	0	0	0	0	0	37.8	60	30.2	45	55.6	45	
5.4	4.5	5.6	3.3	5.2	3.6	6.4	7.8	1.1	1.8	1.4	.9	2.9	2.9	2.8	0	1	0	0	0	26.6	119	27.8	43	26.4	0	
9.2	6.3	15.4	2	9.5	2.2	1.4	1.6	4.5	9.2	3.3	5.6	0	0	0	0	.2	.2	0	0	33.2	102	30.7	46	30.0	49	
6.1	4.2	14.4	10.1	4	7.1	4.2	.4	1.1	.5	0	2.3	7	1.3	7.1	2.1	0	0	0	0	30.1	0	30.2	40	37.8	45	
5.9	5	2	5.1	7.7	5.2	9.6	2.6	11.6	12.3	11.6	4.1	.8	2.3	0	0	.2	0	.1	0	37.3	101	35.9	51	33.2	51	
6.4	3.6	3.2	3.3	4.5	1.8	1.2	.5	6.3	9.4	4.7	6	.2	0	.1	0	.8	1	.3	0	35.8	91	31.4	43	28.8	41	
7.8	5.5	13.2	4.8	7.3	5	3.5	1.7	3.9	4.5	2.4	1.8	2	1.3	.8	.2	.1	.7	.2	0	33.6	72	32.2	41	41.8	55	
7.2	1.7	5.4	5.9	1.5	1.1	5	1.0	2	3.5	1.4	2.8	1.6	3	.9	3	.1	0	.1	0	36.0	76	30.6	45	35.3	57	
2.1	6.3	2.5	4	8.6	5	4.6	2.8	11.5	9	18.4	13.9	.7	.5	0	0	1.7	1.4	.7	1.4	33.8	78	35.4	43	34.7	63	
6.02	3.16	5.0	3.74	6.30	4.08	5.30	2.72	5.96	6.69	7.16	4.93	1.65	1.75	1.12	1.07	0.83	0.49	0.33	0.30	35.21	77	29.01	49	32.16	44	

(Signed) J. PUCKLE,
M. C.

*Abstract of the Meteorological Observations at Bangalore for the years
1862, 1863, 1864, 1865 and 1866.*

MONTHS.	THERMOMETER.											RAIL FALL.			
	Dry Bulb.		Difference between wet and dry Bulbs at 3.50 P.M.	Mean of the observations. Cols. 1 and 2.	Mean.		Extremes during 5 years.		Mean temperature from Max. and Min.	Mean diurnal range difference of Cols. 5 and 6.	Extreme range in any one day.	Mean of 5 years.		Mean of 30 years.	
	9-30	3-30			Max.	Min.	Highest.	Lowest.				Inches and Cents.	fall.		
	A.M.	P.M.													
Cols.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Max. Reading during 5 years 95° on the 15th May 1866. Min. Do. 53° on the 25th February 1866.
January ...	67.8	77.1	13.4	72.4	77.6	59.2	81	55	68.4	18.4	25	0	0	0.26	
February ...	71.4	81.2	16.4	76.3	81.8	61.6	86	56	71.7	20.2	30	0.14	1	0.17	
March...	74.8	86.0	18.2	80.4	87.0	67.2	89	60	77.1	19.8	32	1.25	2	0.59	
April...	76.4	87.4	16.6	81.9	88.4	70.8	92	66	79.6	17.6	24	1.42	5	1.40	
May...	75.6	86.8	14.4	81.2	87.6	69.8	91	66	78.7	17.8	23	3.89	10	5.0	
June...	73.0	81.6	11.4	77.3	82.2	67.6	88	65	74.9	14.6	21	3.97	10	3.18	
July ...	71.4	79.0	9.6	75.2	78.2	66.4	85	64	72.3	11.8	21	4.10	12	3.87	
August ...	70.6	78.4	9.0	74.5	79.2	66.0	84	64	72.6	13.2	21	5.84	13	6.02	
September.	70.6	79.2	9.2	74.9	79.7	65.7	83	64	72.7	14.0	20	5.95	12	6.30	
October ...	71.6	78.6	9.2	75.1	79.1	66.7	82	64	72.9	12.4	18	7.07	11	5.96	
November.	70.4	76.8	10.1	73.6	77.6	64.3	80	60	70.9	13.3	18	1.05	4	1.65	
December.	68.0	74.8	10.0	71.4	75.0	60.4	78	56	67.7	14.6	23	0.58	3	0.83	
Average. ...	71.8	80.6	12.3	76.2	81.1	65.5			73.3		Total.	35.26	83	35.23	77 days.

Col. 4 gives a mean temperature which is as nearly as possible the average temperature at 1 A. M.; viz. 76.2

Cols. 5 and 6 give the mean temperature from the maxima and minima. viz. 73·3

„ 7 and 8 give the same result exactly from the extremes ... viz. 73.3

BANGALORE,
1st August 1867.

General No. 2508. } MYSORE COMR.'S OFFICE,
General do 347. } Bangalore, 7th August 1867.

To—Major J. Puckle, Mysore Commission.

Sir,

In acknowledging the receipt of your letter of the 1st instant, I am desired by the Officiating Commissioner to convey to you his thanks for the very valuable meteorological and statistical data furnished in the statements enclosed by you, which it is proposed to publish for general information in an early issue of the Mysore Gazette.

2. Mr. Saunders concurs with you in considering

it highly desirable for purposes of analysis and comparison, that meteorological observations should, as far as practicable, be taken at the different Head Quarters of the Districts and other stations, at the same time and under precisely similar conditions; and with this object I am directed to request that you will favor him with a memorandum on the subject, giving a few simple directions for the observance of local officers.

I have, &c.,

(Signed) H. HUDSON,
For Offg. Secretary.